

EXPERIENCE | PERFORMANCE | DURABILITY

**Misting  
Experts**



# AVES FOG

MID PRESSURE MISTING  
**CATALOG 2026**

Office 112, First Floor, Kohinoor  
One Plaza Jarranwala Road  
Faisalabad Pakistan  
Landline +92 41 8501600  
Whatsapp +92 300 5423600

[www.avesfog.com](http://www.avesfog.com)  
U.A.N +92 304 111 786 2  
[info@avestechnocare.com](mailto:info@avestechnocare.com)

## Our Mission

To unlock the true potential of misting technology, redefining comfort and sustainability for every environment.

By focusing on innovation, quality, and affordability, we strive to be the most trusted partner for all misting solutions, empowering our clients with reliable performance, long-lasting durability, and complete peace of mind.



## About Us

We are a bunch of capable professionals working closely as a supportive team. Started our journey in 2018 as a pioneer company in Pakistan dedicated to the field of misting. We offer customised design for each project prioritising its unique requirements. Abundant inventory is maintained to catch up with short lead time. Our trained technicians understand the subtleties of misting much better. Backed by expert skills, advanced tools, and premium inventory, Aves Fog delivers comprehensive, long-lasting misting solutions.

Our expertise include:

- Humidification in textile, poultry and tobacco industries.
- Outdoor cooling for restaurants, mosques, playlands, hospitals, markets, educational institutions, theme parks, aviary & zoo etc.
- Indoor cooling for greenhouse, dairy farm, semi-open buildings, huge storage areas etc.
- Dust suppression at construction sites, cement & crushing industries.
- Control over odour, smoke & flying insects.
- Energy conservation through AC outer unit cooling.



### **No one can beat us in:**

*Skills, experience, quality to price ratio, durability and timely provision of after sale services.*

# Mid-Pressure Misting Systems

Aves mid-pressure (MP) misting systems deliver the optimal balance of performance and cost-effectiveness across diverse misting applications. Operating at 150-200 psi, our MP systems produce 25-30 micron mist with precision and reliability.

Engineered for versatility, our MP systems utilise diaphragm pumps for lighter-duty applications, available in 0.5, 1, 2, and 4 LPM models.

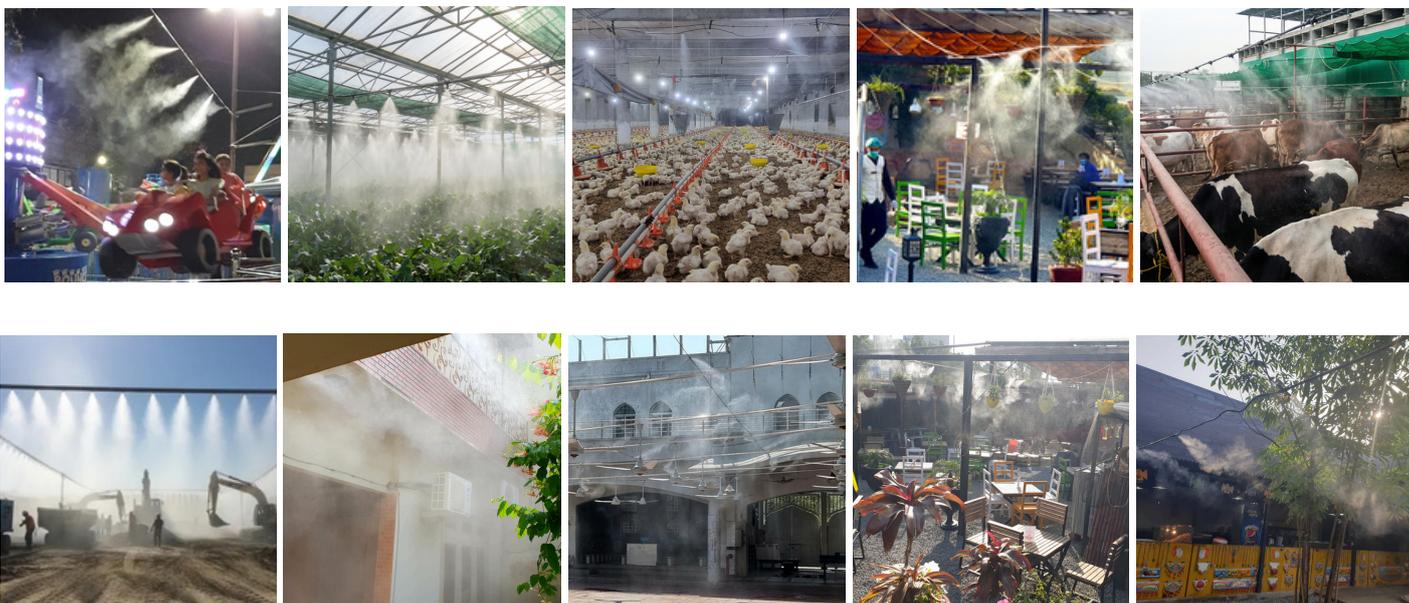
For industrial applications, we employ robust vane pumps in 6, 12, 16, and 18 LPM configurations.

All mid-pressure misting accessories feature a modern push-lock design with 100% leak-proof construction and are sourced from leading global manufacturers. UV-treated polyethylene (PE) tubing is preferred over polyurethane (PU) due to its superior pressure-bearing capacity and longer service life.

Even our most basic models are equipped with a reliable electrical control panel, incorporating an ON/OFF timer along with built-in protections against electrical fluctuations and dry-run damage, ensuring long-term performance and complete confidence in your investment.

## Why Aves Fog's Mid-Pressure Misting Systems

- Pakistan's #1 Misting Solution Provider
  - 450 plus successful projects across diverse applications
  - Top quality Vane and Diaphragm pumps engineered for unmatched performance
  - Push-lock type, nylon misting accessories for leak-proof working
  - Use of UV treated PE tubes which are 4 times more durable than PU tubes
  - Complete turnkey solutions including Inventory, Design, Installation & Maintenance
  - Unbeatable quality-to-price ratio
  - 24/7 customer support & spare parts
  - 1-year warranty with fast processing
- "Professional misting partner that you can trust"



# Aves Mid Pressure Misting Pumps

Misting pump is the driving force of every misting system. As the most critical component, its quality determines overall performance and long-term reliability.

At Aves Fog, we integrate world-class vane & diaphragm pumps in our mid-pressure misting systems. These advanced pumps deliver superior efficiency & lasting durability.

Our mid-pressure pumps are available in multiple models to suit different applications and we offer one-year warranty for peace of mind.

Every pump is precision-coupled with appropriate high-efficiency motors to reduce electricity consumption. I Phase motors, backed with one-year warranty are used in 0.5, 1, 2, 4 and 5 LPM models, while III Phase industrial motors power 6, 12, 16 and 18 LPM models.



**Model: MPDP 0.5**  
 Pump & Motor  
 Flow Rate: 0.5LPM  
 Pressure: 12 Bar  
 Motor: 40w, 12v  
 Pump Origin: China  
 Motor Origin: China

**Model: MPDP 1**  
 Pump & Motor  
 Flow Rate: 1 LPM  
 Pressure: 20 Bar  
 Motor: 85w, 24v  
 Pump Origin: China  
 Motor Origin: China



**Model: MPDP 2**  
 Pump & Motor  
 Flow Rate: 2 LPM  
 Pressure: 15 Bar  
 Motor: 90w, 12v  
 Pump Origin: China  
 Motor Origin: China



**Model: MPDP 4**  
 Pump & Motor  
 Flow Rate: 4 LPM  
 Pressure: 15 Bar  
 Motor: 180w, 36v  
 Pump Origin: China  
 Motor Origin: China



**Model: MPDP 5**  
 Pump & Motor  
 Flow Rate: 5 LPM  
 Pressure: 15 Bar  
 Motor: 290w, 36v  
 Pump Origin: China  
 Motor Origin: China

**Model: MPVP 6**  
 Pump & Motor  
 Flow Rate: 6 LPM  
 Pressure: 15 Bar  
 Motor: 370w, 380v  
 Pump Origin: China  
 Motor Origin: China



**Model: MPVP 12**  
 Pump & Motor  
 Flow Rate: 12 LPM  
 Pressure: 15 Bar  
 Motor: 740w, 380v  
 Pump Origin: China  
 Motor Origin: China



**Model: MPVP 16**  
 Pump & Motor  
 Flow Rate: 16 LPM  
 Pressure: 15 Bar  
 Motor: 750w, 380v  
 Pump Origin: China  
 Motor Origin: China

# Aves Mid Pressure Misting Accessories

At Aves Fog, we source the most advanced push-lock misting accessories from leading global manufacturers. These are carefully selected for their sleek design, user-friendly installation, and most importantly, guaranteed leak-proof operation.

Aves mid-pressure misting accessories are crafted from nylon, engineered for 250 psi working pressure with a burst tolerance exceeding 450 psi. All types of misting accessories are available in 6.35 mm and 9.52 mm ID sizes.

Our misting nozzles feature precision stainless steel orifices in sizes 0.2, 0.3, 0.4 & 0.5 mm, presence of anti-drip valve ensures clean, drip-free operation.



**NTM3/8\*\*9F\*6F**  
 Tee: M3/8" / 9.52mm / 6.35mm  
 Material: UV Treated Nylon  
 Connection Type: Push Lock  
 Maximum Pressure: 450 PSI  
 Origin: China



**C6**  
 Cross: 6.35 mm ID  
 Material: UV Treated Nylon  
 Connection Type: Push Lock  
 Maximum Pressure: 450 PSI  
 Origin: China

**NYT9**  
 Y Shape Tee: 9.52 mm ID  
 Material: Nylon  
 Connection Type: Push Lock  
 Maximum Pressure: 450 psi  
 Origin: China



**NT6**  
 Tee: 6.35 mm ID  
 Material: UV treated Nylon  
 Connection Type: Push Lock  
 Maximum Pressure: 450 PSI  
 Origin: China



**NTM1/4\*\*9F\*6F**  
 Tee: M1/4" / 9.52mm / 6.35mm  
 Material: UV Treated Nylon  
 Connection Type: Push Lock  
 Maximum Pressure: 450 PSI  
 Origin: China



**NL6**  
 Elbow: 6.35 mm ID  
 Material: UV treated Nylon  
 Connection Type: Push Lock  
 Maximum Pressure: 450 PSI  
 Origin: China

**NLM1/4\*\*6F**  
 L: M1/4" \* F6.35mm  
 Material: UV Treated Nylon  
 Connection Type: Push Lock  
 Maximum Pressure: 450 PSI  
 Origin: China



**NS6**  
 Nozzle Seat: 6.35 mm ID  
 Material: UV Treated Nylon  
 Connection Type: Push Lock  
 Maximum Pressure: 450 PSI  
 Origin: China

# Aves Mid Pressure Misting Accessories



**NLM3/8\*6.5F**  
 L: M3/8\*\* F6.35 mm  
 Material: UV Treated Nylon  
 Connection Type: Push Lock  
 Max Pressure: 450 PSI  
 Origin: China



**NEP**  
 End Plug: 9.52 & 6.5mm ID  
 Material: UV Treated Nylon  
 Connection Type: Push Lock  
 Max Pressure: 350 PSI  
 Origin: China



**PC9, PC6, PC9/6**  
 Panel Connector: Three Sizes  
 Material: UV Treated Nylon  
 Connection Type: Push Lock  
 Max Pressure: 450 PSI  
 Origin: China



**MPNL**  
 MP Nozzle  
 Material: Brass  
 Orifice: Ceramic 0.20, 0.30, 0.40 mm  
 Max Pressure: 200 PSI  
 Origin: China



**NSF**  
 MP Small Filter  
 Material: Nylon body, SS-304 Filter  
 Connection Type: Push Lock  
 Max Pressure: 450 psi  
 Origin: China



**MPND**  
 MP Spray Nozzle  
 Material: Nickel plated Brass  
 Orifice: SS 230ml, 550ml  
 Max Pressure: 350 PSI  
 Origin: China



**NT9/9/9, T9/6/9**  
 Tee: 9.52mm in two sizes  
 Material: UV Treated Nylon  
 Connection Type: Push Lock  
 Max Pressure: 450 psi  
 Origin: China



**MPNS**  
 MP Nozzle  
 Material: Brass  
 Orifice: SS 0.20, 0.30, 0.40 mm  
 Max Pressure: 450 PSI  
 Origin: China



**NR9/6**  
 Reducer (mm): 9.52\*6.35 ID  
 Material: UV Treated Nylon  
 Connection Type: Push Lock  
 Max Pressure: 450 PSI  
 Origin: China



**MPNM**  
 MP Nozzle with anti-drip valve  
 Material: Nickel Plated Brass  
 Orifice: SS 0.20 mm  
 Max Pressure: 800PSI  
 Origin: China



**PT9/9/9, T9/6/9**  
 Tee: 9.52mm in two sizes  
 Material: Plastic  
 Connection Type: Push Lock  
 Max Pressure: 200 psi  
 Origin: China



**NC3/8M9F**  
 Nylon Connector: 3/8"M\*9.52F  
 Material: UV Treated Nylon  
 Connection Type: Push Lock  
 Max Pressure: 450 PSI  
 Origin: China



**PT6 & PL6**  
 Tee & Elbow: 6mm  
 Material: Plastic  
 Connection Type: Push Lock  
 Max Pressure: 200 PSI  
 Origin: China



**NC3/8M6F**  
 Nylon Connector: 3/8"M\*6.35F  
 Material: UV Treated Nylon  
 Connection Type: Push Lock  
 Max Pressure: 450 PSI  
 Origin: China



**MC**  
 Metal Connectors: 6mm, 12mm  
 Material: Nickel Plated Brass  
 Connection Type: Thread & Push Lock  
 Max Pressure: 200 psi  
 Origin: China



**NV**  
 Nylon Valve (ID mm): 6F\*6F  
 Material: UV Treated Nylon  
 Connection Type: Push Lock  
 Max Pressure: 450 PSI  
 Origin: China

# Aves Mid Pressure Misting Accessories



## **PUT12**

PU Tube: 12mm  
Max Pressure: 150 PSI  
Material: PU  
Coating: No



## **PET9.5**

PE Tube: 9.52mm  
Max Pressure: 350 PSI  
Material: PE  
Coating: UV Treated



## **PUT6**

PU Tube: 6mm  
Max Pressure: 150 PSI  
Material: PU  
Coating: No



## **PLH**

Plastic Pipe Hanger  
Type: 9.52 mm & 6.5mm  
Material: Nylon



## **PET6.5**

PE Tube: 6.5mm  
Max Pressure: 450 PSI  
Material: PE  
Coating: UV Treated



## **RHTC**

Humidity & Temp Controller  
Quick Response & Calibratable  
Humidification / Dehumidification  
Heating / Cooling

# Aves Mid-Pressure Solenoid Valves

Solenoid valves are employed for advanced tasks such as controlled pressurisation and depressurisation of misting lines in intermittent or sequential operations.

Selection of an appropriate solenoid valve requires consideration of critical parameters including pressure rating, flow coefficient (Cv), response time, coil power requirements, and sealing material compatibility with high-pressure water. Since mid-pressure solenoid valves (15-20 bar) are not available locally, our R&D department sources them from globally recognised manufacturers.

Every Aves solenoid valve is backed by a one-year warranty.



## **LP BSVC 1/2"**

Low Pressure Solenoid Valve  
Type: Normal Close  
Material: Brass  
Max Pressure: 20 psi  
Coil: 220V/50Hz  
Ports: 1/2"  
Seals: NBR



## **LP SSVC 1/2"**

Low Pressure Solenoid Valve  
Type: Normal Close  
Material: Stainless Steel  
Max Pressure: 25 psi  
Coil: 220V/50Hz  
Ports: 1/2"  
Seals: NBR



## **MP BSVC 1/4"**

Mid-Pressure Solenoid Valve  
Type: Normal Close  
Material: Brass  
Max Pressure: 20 bar  
Coil: 220V/50Hz  
Ports: 1/4" & 1/4"  
Seals: NBR



## **HP SSVO 3/8"**

High Pressure Solenoid Valve  
Type: Normal Open  
Material: Stainless Steel  
Max Pressure: 1200 psi  
Coil: 220V/50Hz  
Ports: 3/8"  
Seals: NBR



## **MP BSVC 3/8"**

Mid-Pressure Solenoid Valve  
Type: Normal Close  
Material: Brass  
Max Pressure: 20 bar  
Coil: 220V/50Hz  
Ports: 3/8"  
Seals: NBR



## **MP BSVC 1/4" 12**

Mid-Pressure Solenoid Valve  
Type: Normal Close  
Material: Stainless Steel  
Max Pressure: 20 bar  
Coil: 12V  
Ports: 1/4"  
Seals: NBR

# Aves Filters & Casing

Water filtration is vital before feeding water into a misting system, as impurities in unfiltered water can quickly clog fine nozzle orifices. Reliable filtration is therefore essential for smooth, trouble-free operation of any misting system.

At Aves Fog, we recommend polypropylene (PP) filters over reusable stainless steel mesh, since PP delivers finer filtration and we never compromise on quality.

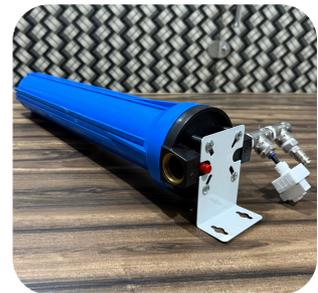
We source premium quality PP filters and housings from leading global manufacturers, focusing on every detail that ensures durability and performance. Made from food-grade materials, Aves filters and housings are available in 10" and 20" sizes.



**Housing 10"**  
 Colour: White  
 Material: Polypropylene  
 Ports: 1/2" Brass  
 Air Release Valve  
 Wall Bracket, Wrench



**PP Filter**  
 Size: 10" & 20"  
 Colour: White  
 Material: Polypropylene  
 Filtration: 5 micron



**Housing 20"**  
 Colour: Blue  
 Material: Polypropylene  
 Ports: 1/2" Brass  
 Air Release Valve  
 Wall Bracket, Wrench

Note: SS mesh and PP filters, both are not designed to reduce water TDS level. When total dissolved solids (TDS) exceed 350 ppm, misting system performance and lifespan are compromised. High TDS means excess salts, which deposit around fine nozzle orifices, leading to blockages or uneven fog emission. While clogged nozzles can be cleaned, the process is tedious and time-consuming. The only effective solution for high-TDS water is a Reverse Osmosis (RO) system. At Aves Fog, we design customised RO units tailored to individual requirements, and our experts guide you in selecting the right capacity to ensure lasting efficiency and reliable misting performance.



**Reverse Osmosis Unit 1**  
 Capacity: 200 GPD  
 For: 0.5 - 1 LPM Systems



**Reverse Osmosis Unit 2**  
 Capacity: 400 GPD  
 For: 2 - 3 LPM Systems

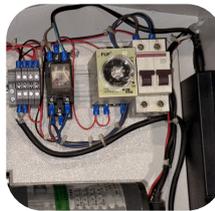
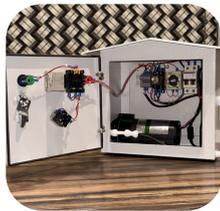


**Reverse Osmosis Unit 3**  
 Capacity: 800 GPD  
 For: 4 - 5 LPM Systems

# Aves MP Misting Electric Panels

Our Electric Panels are manufactured in Pakistan, built with strict focus on safety and reliability. Operating a misting pump without water can damage seals within minutes, therefore every Aves panel is equipped with automatic dry-run protection to instantly shut down the pump during water scarcity.

Compact panels power smaller misting systems (0.5, 1, 2 & 4 LPM), medium panels drive 6 LPM models, while large III phase panels are designed for 12, 16, 18, 32 & 48 LPM models. Each unit securely houses the pump-motor set, with electrical parts isolated in a splash-proof compartment. Components are carefully chosen through rigorous R&D, and the design ensures quick replacement in case of a rare failure. For unique setups, we also develop customised panels tailored to meet individual needs.



**EP DP 2**  
Designed For:  
0.5, 1, 2LPM Pumps  
1 Phase 220V/50Hz

- Wall Mounting
- Dry Run Safety
- Double Timer
- Quality Electric Parts

- Easy Installation
- Rain Resistant
- Convenient Push-Lock Inlet & Outlet Ports

- Single Timer and Solenoid Valve for Depressurisation



**EP DP 4**  
Designed For:  
4 LPM MP DP Pumps  
1 Phase 220V/50Hz

- Bluetooth Operation Via Mobile App
- Advance Timer For weekly settings

- Easy Installation
- Rain Resistant
- Convenient Push-Lock Inlet & Outlet Ports

- Dry Run Safety, Single Timer and Solenoid Valve for Depressurisation



**EP DP 6**  
Designed For:  
6LPM MP DP Pumps  
1 Phase 220V/50Hz

- Wall Mounting
- Dry Run Safety
- Double Timer
- Quality Electric Parts

- Easy Installation
- Rain Resistant
- Convenient Push-Lock Inlet & Outlet Ports

- Single Timer and Solenoid Valve for Depressurisation

# Aves MP Misting Electric Panels



**EP VP 6**  
Designed For:  
0.5 - 1LPM Pumps  
I Phase 220V/50Hz

Rain Resistant  
Wall Hanging  
Dry Run Safety

Set-able double timer  
to operate intermittent  
misting

Single timer to  
depressurise water  
lines



**EP VP 12**  
Designed For: 12 LPM  
Pumps  
III Phase 380V/50Hz

Rain Resistant  
Wall Hanging  
Dry Run Safety  
Oil Replacement Timer

Manual operation via intermittent timer  
Automatic operation via RH and/ or temperature  
controller.  
Customisation Possible.



**EP VP 18**  
Designed For:  
18 LPM Pumps  
III Phase 380V/50Hz

Rain Resistant  
Floor Resting  
Dry Run Safety

Manual operation via intermittent timer  
Automatic operation via RH and / or  
temperature controller.  
Customisation Possible.